Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Thursday 25 Nov 2021 until 23:59 on Friday 26 Nov 2021

Forecast Issued on Wednesday 24 Nov 2021 at 16:16

Confidence: High for a cold but largely fine day Thursday and for a much windier and wintry period over the weekend. Lower confidence for timing of strongest winds and any more persistent precipitation, also lower for change back to milder conditions early next week.

Headline for Thursday 25 Nov 2021: Dry with long sunny spells, but very cold with strong northerly winds.

Mountain weather hazards on Thursday 25 Nov 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Partly cloudy (night)	Sunny intervals	Sunny	Sunny	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability							
00%	00%	00%	00%	00%	00%	<05%	10%

Forecast for Thursday 25 Nov 2021

Weather: Dry with long clear spells overnight. Then a dry and mostly sunny day, although the sunshine may be a little hazy at times. Cloud increases from the northwest through the evening, bringing outbreaks of rain and, above about 450m, snow towards midnight.

Chance of cloud free mountain/hill tops above 600m: Around 75% at first in east, otherwise close to 100% through much of the day, chances fall through the evening.

Visibility: Occasional cloud in east above about 450-600m but generally little or no cloud below the summits through much of the day but occasional or periods above 600m developing in the evening. Otherwise visibility very good or excellent with good panoramic views of surrounding hills, falling to several kilometres in evening rain and perhaps a kilometre in snow.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Thursday 25 Nov 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/21 NW	17/25 NW	19/28 N	19/29 N	16/23 N	12/19 NW	10/17 W	12/18 W	20/30 SW
300	8/19 NW	11/23 NW	11/25 N	9/22 NW	12/22 N	9/18 NW	6/16 NW	5/14 W	8/21 SW
Valley	3/12 NW	6/20 N	8/22 N	13/29 N	12/24 N	8/17 NW	4/9 NW	2/7 W	6/18 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-1/-6	-1/-8	-1/-8	-1/-8	-0/-6	-1/-6	-2/-7	-2/-7	-0/-7
300	1/-3	1/-4	1/-4	1/-3	3/-2	2/-2	-0/-4	-1/-3	2/-2
Valley	0/-1	1/-2	2/-2	2/-2	4/0	3/0	0/-2	-1/-3	3/0
Freezing Level*	500m	400m	400m	400m	400m	300m	200m	200m	500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts around 45mph over ridges and summits at first and again in evening. Significant chill at all levels.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Wed 24 Nov 2021	2.6mm	2.6mm	2.8mm

Forecast for Friday 26 Nov 2021

Weather: Cloudy through much of the morning with outbreaks of occasionally heavy rain, preceded briefly by snow. The rain clears towards late morning to leave a bright afternoon with sunny spells and a few increasingly wintry showers. The showers are expected to become more frequent through the evening.

Maximum wind: Westerly or southwesterly 25-35mph, gusts around 55mph over ridges and summits, veering northwesterly 25-30mph from late morning with gusts around 45mph over ridges and summits.

Chance of cloud free mountain/hill tops above 600m: Little chance until mid-morning then becoming around 75%. Chances fall again in evening.

Visibility: Periods or persistent cloud 450-600m with patches below until mid-morning and again later in evening, otherwise cloud more occasional cloud above 600m. Away from cloud, visibility very good or excellent falling to several kilometres in morning rain and a kilometre or less in snow showers later.

Temperature: **Valleys:** Around plus 3 or 4 Celsius overnight rising to plus 6 or 7 Celsius by day
At 600m: Around plus 3 Celsius falling to minus 2 Celsius by early afternoon with significant chill effect
Freezing level: Above the summits falling to 450m

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